

FIG.1

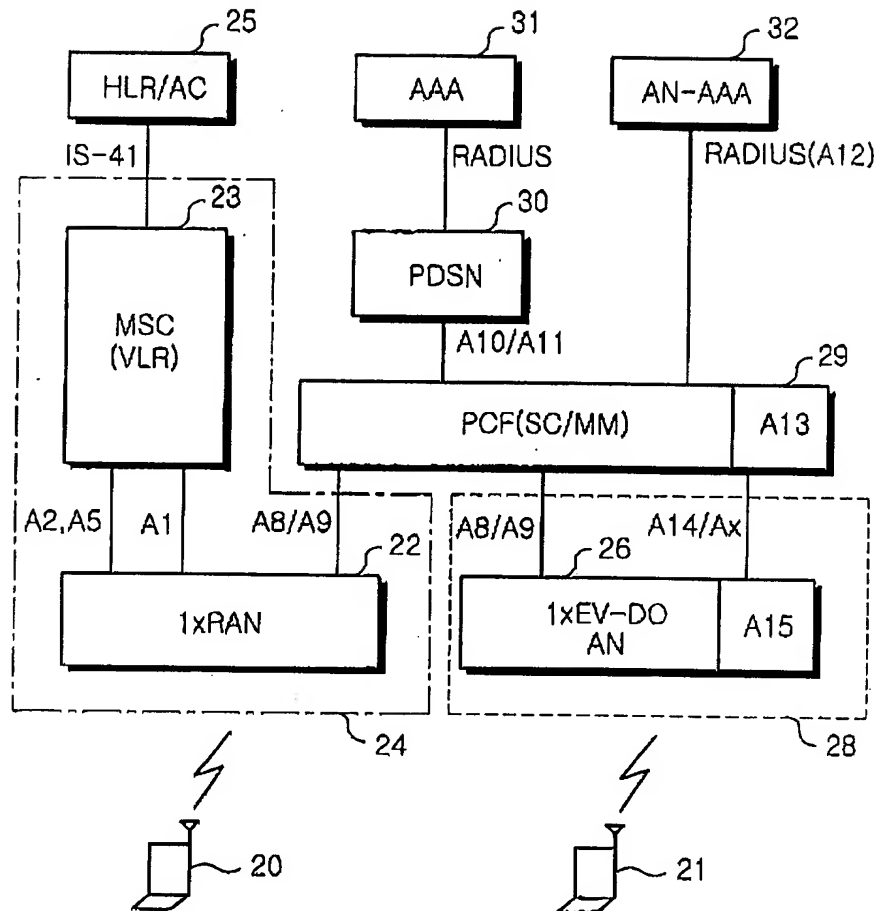


FIG.2

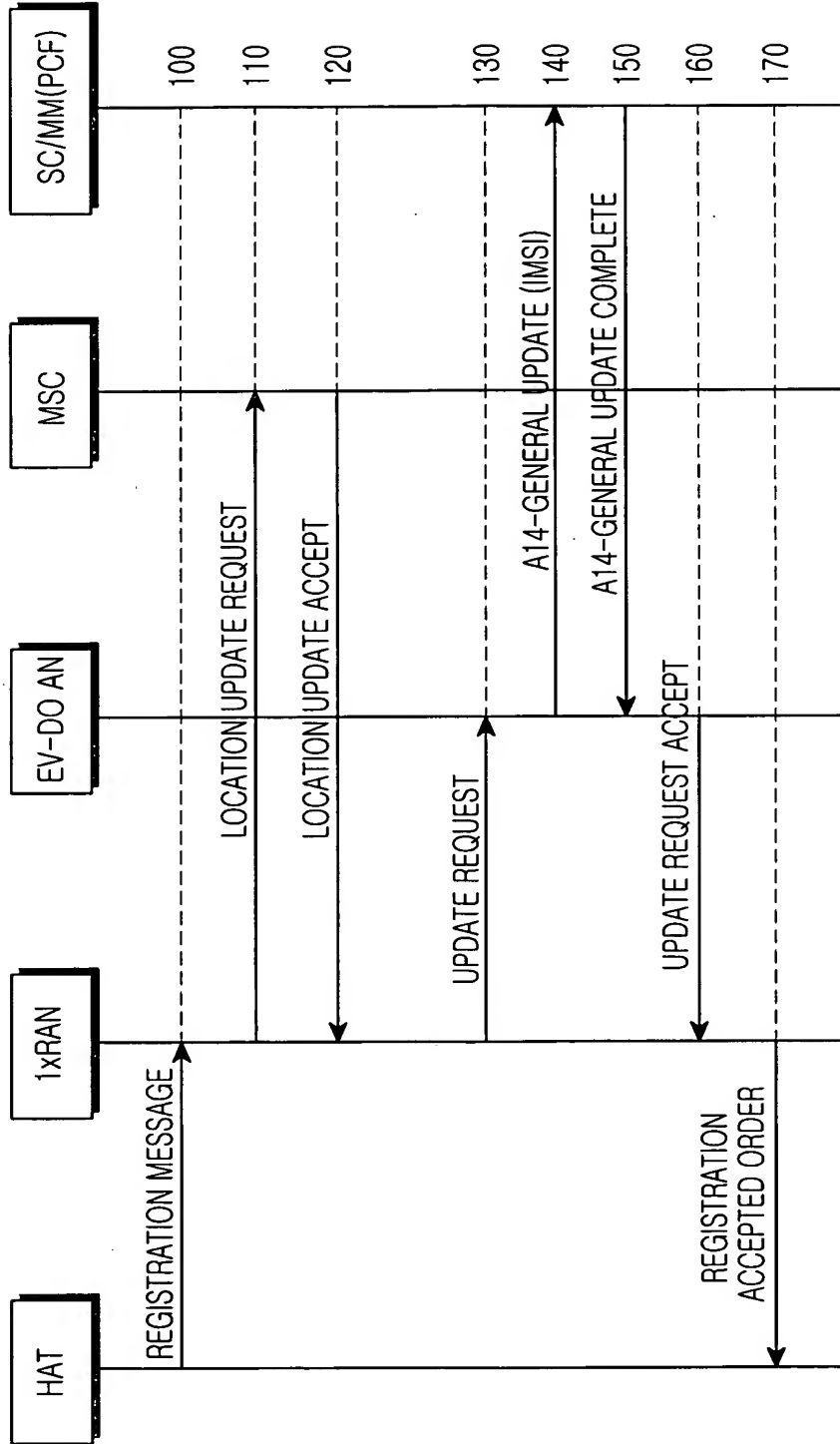


FIG.3

REGISTRATION MESSAGE

| FIELD | LENGTH(bits) |
|------------------|--------------|
| REG_TYPE | 4 |
| SLOT_CYCLE_INDEX | 3 |
| MOB_P_REV | 8 |
| SCM | 8 |
| MOB_TEM | 1 |
| RETURN_CAUSE | 4 |
| ... | |
| UI_ENCRYPT_SUP | 0 or 8 |

FIG.4

STATION CLASS MARK(SCM)

| FIELD | BIT(s) | SETTING |
|--|--------|--------------------------------|
| EXTENDED SCM INDOCATOR | 7 | |
| DUAL MODE(=TTI) | 6 | CDMA ONLY = 0 DUAL MODE = 1 |
| SLOTTED CLASS | 5 | |
| ... | | |
| TRANSMISSION | 2 | |
| POWER CLASS FOR BAND CLASS 0 ANALOG OPERATION | 1-0 | |

FIG.5

LOCATION UPDATE REQUEST MESSAGE

| INFORMATION ELEMENTS | TYPE | |
|-----------------------------|------|---|
| CALL IDENTIFIER | M | |
| PROTOCOL DISCRIMINATOR | M | |
| RESERVED-OCTET | M | |
| MESSAGE TYPE | M | |
| MOBILE IENTITY (IMSI) | M | |
| CLASSMARK INFORMATION TYPE2 | 0 | R |
| REGISTRATION TYPE | 0 | R |
| MOBILE IDENTITY (ESN) | 0 | C |
| SLOT CYCLE INDEX | 0 | C |
| ... | | |

M : MANDATORY
R : REQUIRED
O : OPTIONAL
C : CONDITIONALLY REQUIRED

FIG.6

A14-GENERAL UPDATE MEASSAGE

| INFORMATION ELEMENTS | TYPE | |
|----------------------------------|------|---|
| A14 MEASSAGE TYPE | M | |
| ATI (RATI) | 0 | R |
| CORRELATION ID | 0 | C |
| SECTOR ID (REGISTERED SECTOR) | 0 | R |
| SECURITY LAYER PACKET | 0 | C |
| SYSTEM TIME | 0 | C |
| ACCESS NETWORK IDENTIFIERS | 0 | C |
| SESSION STATE INFORMATION RECORD | 0 | C |
| A14 INDICATORS | 0 | C |
| CELL IDENTIFIER | 0 | C |
| MOBILE IDENTITY (IMSI/ESN) | M | |
| CLASS MARK INFORMATION TYPE2 | 0 | R |
| SLOT CYCLE INDEX | 0 | C |
| ... | | |

FIG.7

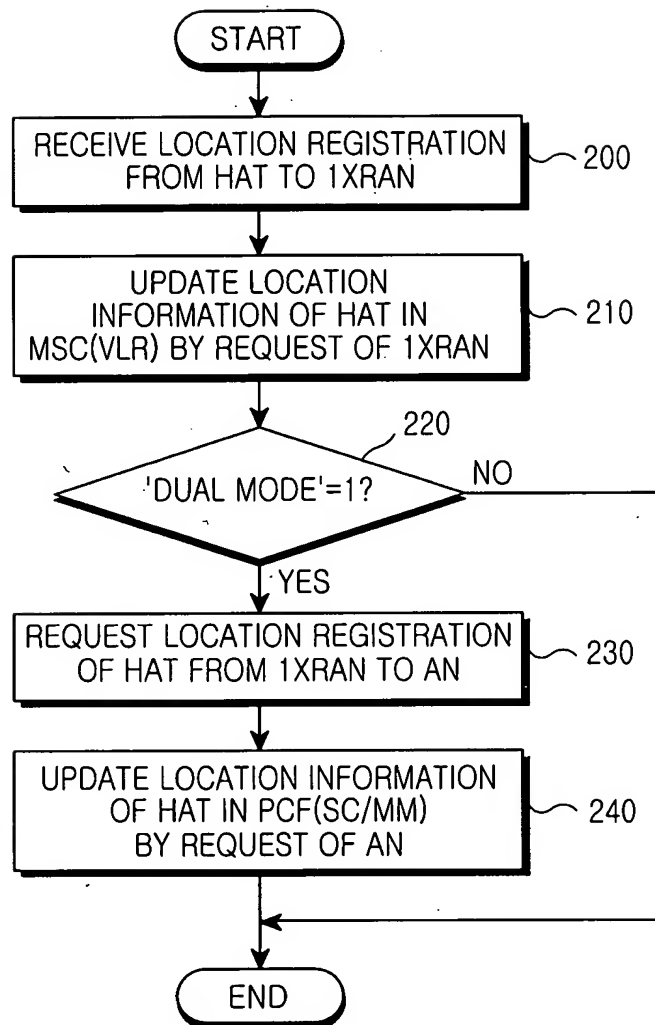


FIG. 8

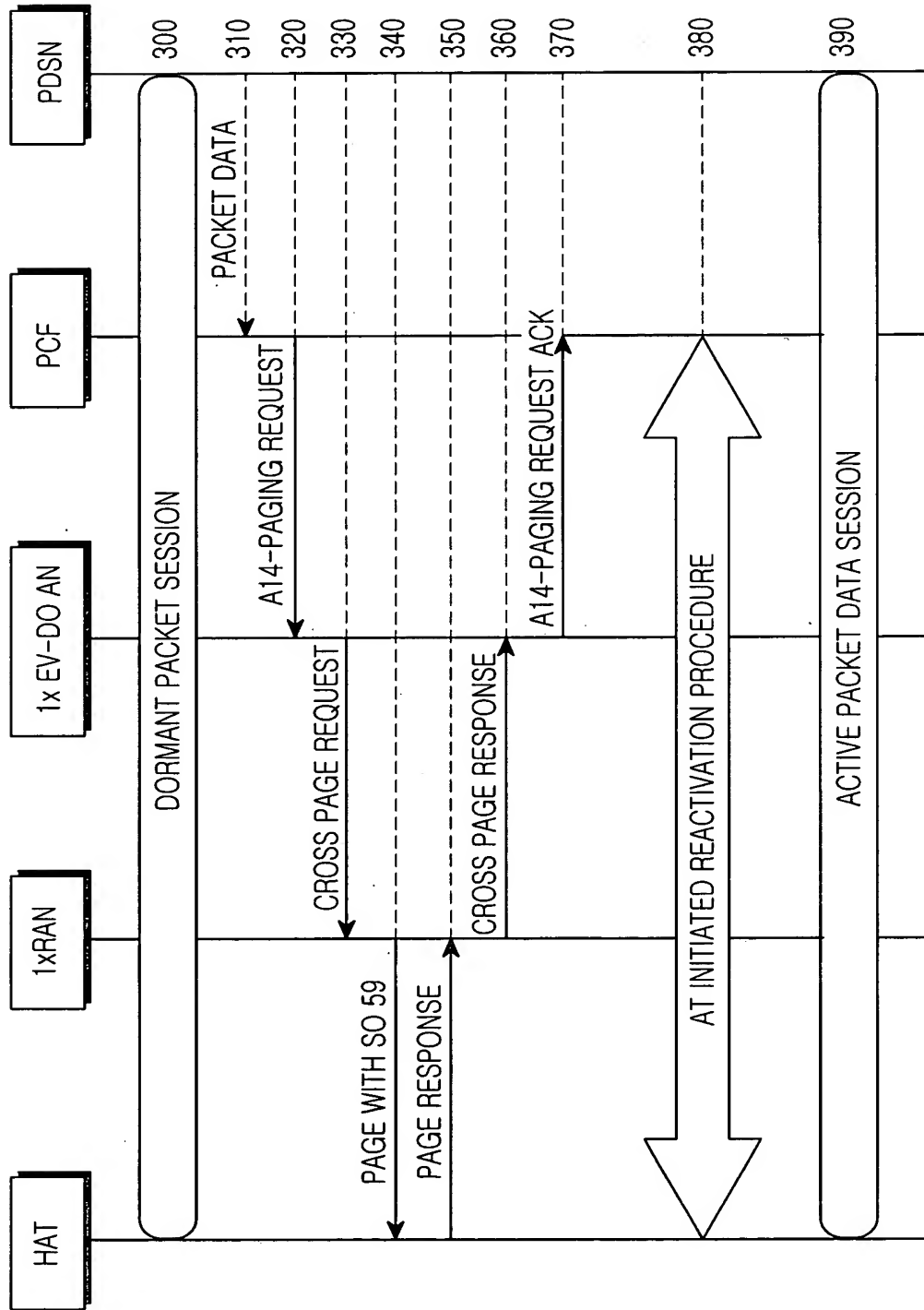


FIG.9

A14-PAGING REQUEST MESSAGE

| INFORMATION ELEMENTS | TYPE | |
|----------------------------------|------|---|
| A14 MESSAGE TYPE | M | |
| ATI (RATI) | 0 | R |
| CORRELATION ID | 0 | C |
| SECTOR ID (REGISTERED SECTOR) | 0 | R |
| SECTOR ID LIST | 0 | C |
| SESSION STATE INFORMATION RECORD | 0 | R |
| A14 INDICATORS | 0 | R |
| MOBILE IDENTITY (IMSI/ESN) | M | |
| SERVICE OPTION | 0 | R |
| CELL IDENTIFIER LIST | 0 | C |
| SLOT CYCLE INDEX | 0 | C |
| ... | | |

FIG.10

CROSS PAGE REQUEST

| INFORMATION ELEMENTS | TYPE | |
|----------------------------|------|---|
| MESSAGE TYPE | M | |
| MOBILE IDENTITY (IMSI/ESN) | M | |
| CELL IDENTIFIER LIST | 0 | C |
| SLOT CYCLE INDEX | 0 | C |
| SERVICE OPTION | 0 | R |
| ... | | |

FIG.11

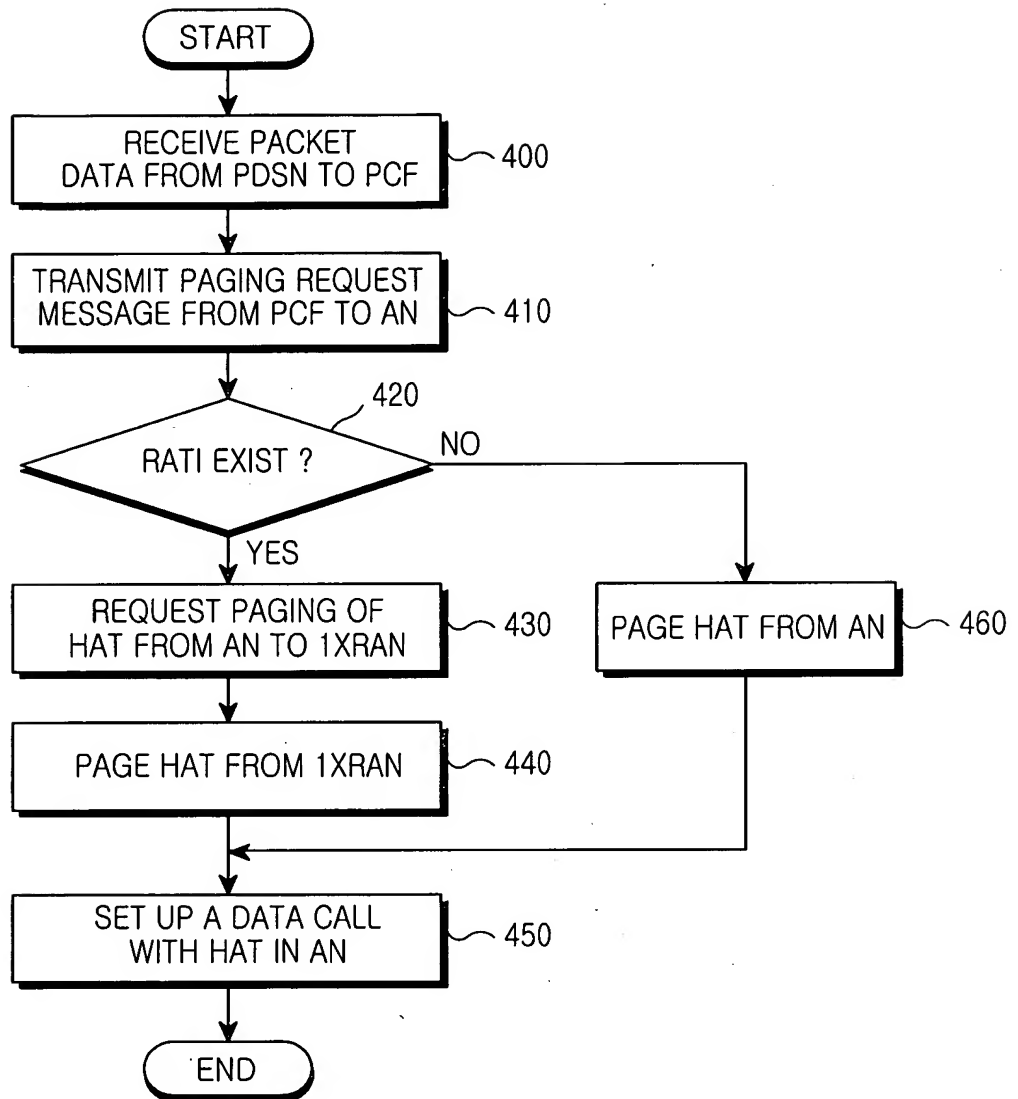


FIG.12